



— Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

VOL. 20 — NO. 25

OAK RIDGE, TENNESSEE

Wednesday, June 22, 1966

One Bunny . . . Or Even Seven Does Not A Playboy Club Make!

There's a mama rabbit in Y-12 that's no "dumb bunny!" She got inside the Calibration Station to have her nest-full of young. Radiation Safety folks kept their eyes on her and the brood all during the infancy days, too. (No one has figured out how she got into the area in the first place . . . it's pretty well fenced. But after the discovery of the family, they started leaving the gate ajar slightly so the mama would have little trouble getting in and out of the radiation area.)

No mutations . . . and no apparent ill effects from radiation, reported either . . . to the big rabbit or the seven off-springs. The babies, like their human counterparts, are a little camera-shy.

Of course, Mrs. Rabbit couldn't read the "Keep Out" sign or see the purple and orange propeller that means radiation. But, experts say she was pretty smart, getting inside a fence where cats, dogs and other pains for bunnies could not get at her.

The babes have already flown the nest . . . it doesn't take them long to mature enough to leave home. And mama rabbit is probably out now seeking another

place to have another litter. She is a rabbit, you know!

Eddie Roberts, Radiation Safety, was just as proud of his bunnies as some of the other department men are of their turtles and minnows in the drain-off lake, east of Y-12.

There's plenty of wild life in the plant, for sure. Someone is always coming up with a bird nesting in their building . . . or an unauthorized skunk entering a restricted area!

A mathematics-oriented member of the Radiation Safety was trying to figure out how many rabbits we would have in Y-12 if these seven have seven babies . . . and then those seven also have seven babies . . . but the astronomical figures got out of hand too soon!

COST OF PROSPERITY

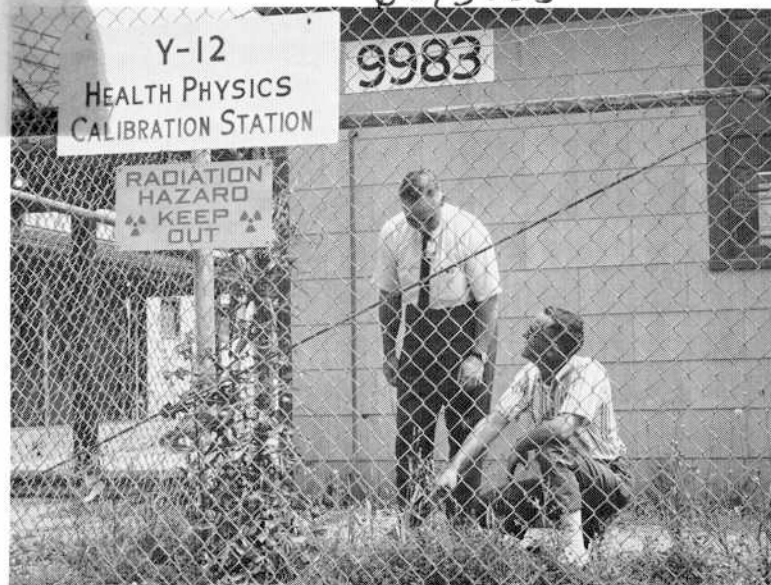
"We have one of the unhealthiest countries in the world because of our abuse of our prosperity. We are overeating and pampering ourselves. The life of Riley leads to a lot of early coronary heart disease, high blood pressure and diabetes." — Dr. Paul Dudley White.

6-13064

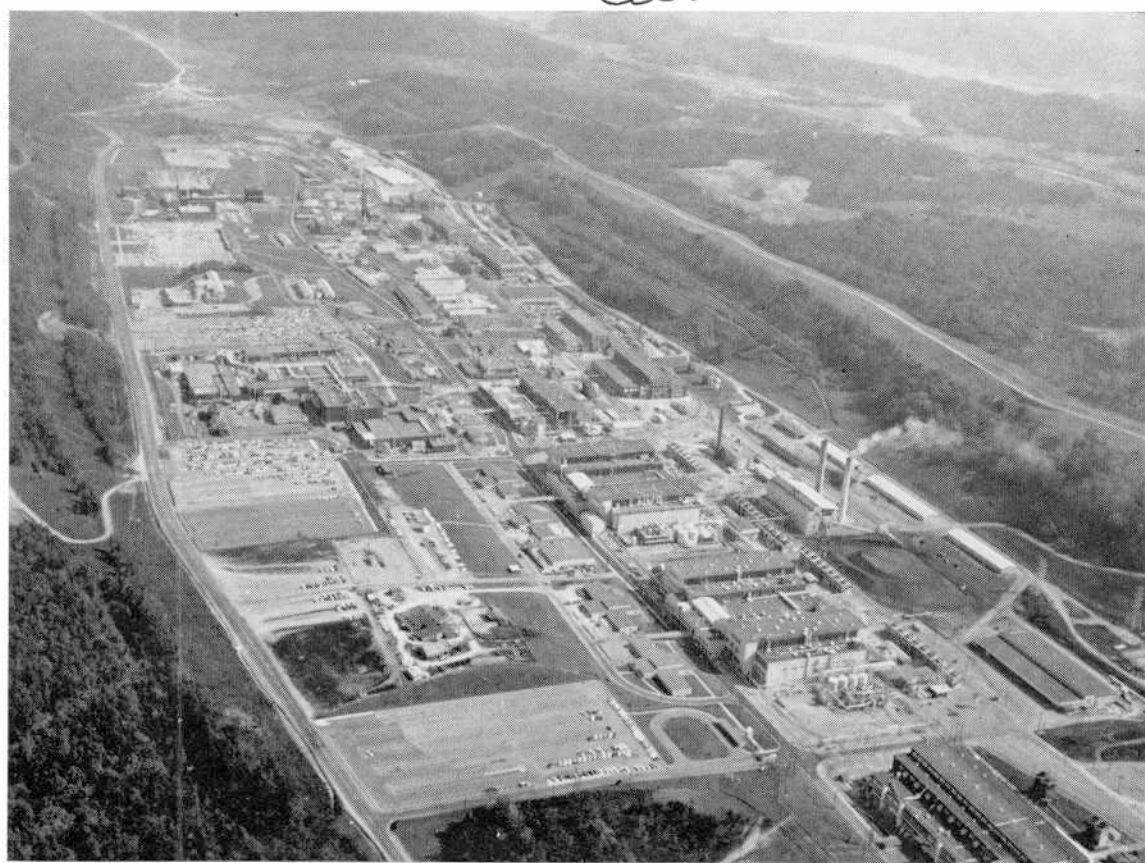


HIDING FROM THE CAMERA are seven baby bunnies almost mature enough to leave their nest. As a matter of fact, they have already gone out into the adult world. As one wag, Radiation Safety, put it, "We may have the bunnies . . . but this ain't no Playboy Club!"

6-13065



JACK MCCLENDON AND EDDIE ROBERTS inspect the intruder in the Radiation Safety Calibration Station . . . a mama rabbit that chose that locale to bear her seven off-spring.



Y-12 WAS CHOSEN AS A TRAINING SITE because of its versatility of production and development facilities with its skilled personnel experienced in industrial training. The cooperative program will be financed by the U. S. Office of Education.

Y-12 Facilities To Be Used In Vocational Training Setup

Y-12 will provide facilities and personnel for a cooperative program designed to update the training of vocational and technical teachers and to widen the scope of students planning to enter the vocational education field.

The program, financed by the U.S. Office of Education, is being administered through Oak Ridge Associated Universities, with assistance from Y-12, Union Carbide Corporation, University of Tennessee, U.S. Atomic Energy Commission, U.S. Department of Labor and the Tennessee State Department of Education.

J. L. Waters will act as Y-12's program manager for this training project. Y-12 is operated by Union Carbide Corporation for the AEC.

The program has two phases — a nine-week summer institute for vocational and technical teachers and quarterly training sessions for students planning to enter vocational education.

60 Participants

The University will select 60 participants — representing technical institutes, area vocational schools and vocational high schools—to attend the nine-week institute. Eight weeks of the training will be conducted at Y-12 for courses in mechanical technology and drafting, industrial electronics technology and maintenance, and machine shop fabrication.

These courses represent areas in which the most rapid technological changes have occurred, resulting in critical shortages of trained teachers and craftsmen in these fields.

Three 14-Week Sessions

The university student training phase of the program will be conducted in three quarterly (14-

week) sessions for upper-division undergraduates pursuing a degree in industrial education. Participants will be limited to those who intend to teach or who are teaching in mechanical technology and drafting, industrial electronics technology and maintenance, and machine shop fabrication.

The program is part of a larger demonstration project in the field of manpower development.

Y-12 was chosen as the training site for the program because it is a versatile production and development facility with skilled personnel experienced in industrial training.

Argonne's Friedman Leads Physics Seminar

The Oak Ridge National Laboratory Physics Division's seminar this week will feature A. M. Friedman, Argonne National Laboratory. He will speak on "Studies of Actinide Energy Levels with d, p and d, t Reactors."

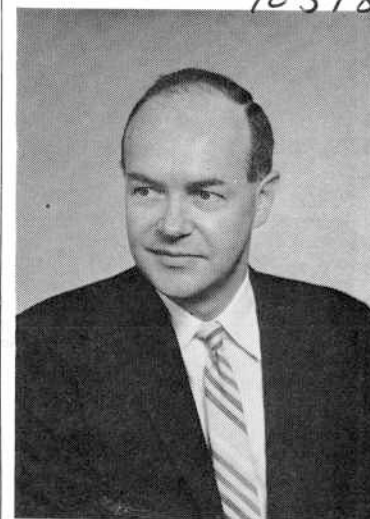
The seminar is set for 3:15 p.m. Friday, June 24, in the East Auditorium of ORNL's 4500 building.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated 16 Days Or 378,000 Man-Hours Through June 19 Without A Disabling Injury
Phone 3-7755
(Unofficial Estimate)
For Daily Report
On Accident-Free Hours

Waters To Administer New Training Project

105187



J. Leo Waters

Named to administer the Y-12 part of the training project is J. Leo Waters, Tool Engineering.

Waters is a graduate of Virginia Polytechnic Institute, holding a BS in chemical engineering. He worked with the Kellogg Corporation, during the design and construction of the Oak Ridge Gaseous Diffusion Plant . . . then came to Union Carbide June 18, 1945. On November 1, 1954, he transferred to the Paducah Plant and worked in Plant Engineering there, until coming to Y-12 August 1, 1955.

He has also done graduate work in engineering at the University of Tennessee, and at the Reactor School at Oak Ridge National Laboratory.

Waters lives at 223 Edgewood Drive, Clinton, with his wife and two daughters, Madeline and Amy. He served recently on the Clinton Planning Committee, and was Y-12's representative on the Union Carbide Corporation engineering liaison program.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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Carnegie Diplomas To Orange, Smith



Orange and Smith

Harley C. Orange and Carol B. Smith, both of the General Machine Shop, observed a red-letter day in June.

On June 10, both Smith and Orange received diplomas from the Dale Carnegie Institute, signifying they had completed the course in effective speaking and human relations.

Smith, a native of Pueblo, Colorado, lives at Route 14, Fox-Lonas Road, Knoxville, and has been in Y-12 since February 22, 1954. Prior to coming to Y-12, he was with the L & N Railroad.

Orange, a well-known dog-breeder in the plant, was born in Dunbar, Kentucky. He lives with his family at Route 2, Oliver Springs. Orange came here after working with Fulton - Sylphon, Knoxville, June 14, 1948.

If they need to know, tell them. If they don't... NYET!



THERE'S JOY IN CHIPPING IN.

Dark, handsome Bob McAlister, Metal Prep, looking like a black bear with a toothache, contributed a small hello and said, "Katy, Baby, I am very unhappy to see you an account of I am not able to score with a green sheet this period."

We answered, "Bobby, Boy — You have a very poor memory. You forgot the one you sent me last March where you run the Carbon Burner on the absolute filter instead of four by slowing up the fan... the \$2,500 a year you saved is not going to balance the budget, but don't knock it."

Dark, handsome Bob smiled real big and parted with, "I am very happy I didn't score a zero." You too can get joyed up by getting your green sheets in. We can use more than a few more.

June 15th Sheet Count:

| Division | Received | Goal |
|------------------------|----------|------|
| Accounting | 0 | 6 |
| Assembly | 7 | 35 |
| Development | 31 | 79 |
| Engineering | 18 | 120 |
| Fabrication | 58 | 87 |
| Industrial Relations** | 11** | 10 |
| Maintenance | 241* | 210 |
| Materials and Services | 5 | 20 |
| Metal Prep | 15 | 36 |
| PSS & Utilities | 4 | 16 |
| Technical | 33 | 92 |

**Congratulations! Green sheet and dollar goal met.

*Nice going — Green goal met... still shy on \$.

THIS IS THE FINAL WEEK TO GET UNDER THE WIRE!

FAIR BALANCE

Usually, things work out fairly well. While most of our dreams don't come true, then neither do our nightmares.

VOLSTEAD COLDS

The government is threatening to restrict remedies for the common cold. Does this mean Prohibition is coming back?

Weiner Roast Brings Hordes To UCC Park

The free weinies and games really brought out the crowds... for the June 11 party for E, F, G, H and J Shifters. The Carbide Recreation Area was jammed with 204 folks... 129 adults and 75 children.

At first they started off by consuming 25 dozen buns and hot dogs in a hurry (then maitre d's Carl Brewster and H. N. Benninghoff sent in an emergency order for eight dozen more!).

All the tables were taken and many had to cluster about, Indian fashion, and eat sitting on the ground.

This outing was probably the best one yet... and the alphabetic group will probably stage a repeat next year on the party. By the awards list it looks as if the Schabots have not lost any of their magic as they came through for a double winner as did the Booth family, Diane and mommy Louise.

The first winner was Bobbie Rutherford so he had his choice of any of the adult awards. He chose the Mary Proctor Ironing Board... looks like Mrs. Rutherford helped a little in the choosing.

The next outing will be a melon festival, set for Sunday, July 31, again at the Park. It will all be FREE and there'll be 50 juicy watermelons for everyone to munch on.

Beginning with the new fiscal year, some changes in the organization have been made. R. P. Wallace, Fabrication, and Jim Shelton, Technical Services, are retiring from the committee. Wallace has served three years and Shelton one. All shift-folks appreciate their fine job on the committee. Much of the time given to the recreation committee was their own personal time on weekends.

New members will be L. G. Lankford, Fabrication in Beta Two, and J. L. Minton, Metal Preparation, Beta Two. Carl Brewster, Industrial Relations; and T. S. Higgins, Metal Preparation, will continue their membership... and are commended for their excellent work also.

A new schedule for the new fiscal year will be published sometime next month.

Children winners at the June 11 party were John Dean, David Pendley, Diane Booth, Tim Lee, Danny Stoetzel, Tommy Lee Bagwell, Laura George, David Ray, Lori Craven and Michael Williams.

Adult winners were B. Rutherford, Bobby Schabot, Margaret Fisher, Louise Booth, Ellen Pate, H. F. Harris, C. H. Edwards, Suzanne Schabot, C. T. Gentry and Annabelle King.

Watermelons should be at their peak about July 31... so see you there! Slurp!

BACK FROM VACATION?

Postscripts often heard the day after vacation:

"Oh, you've been away?"

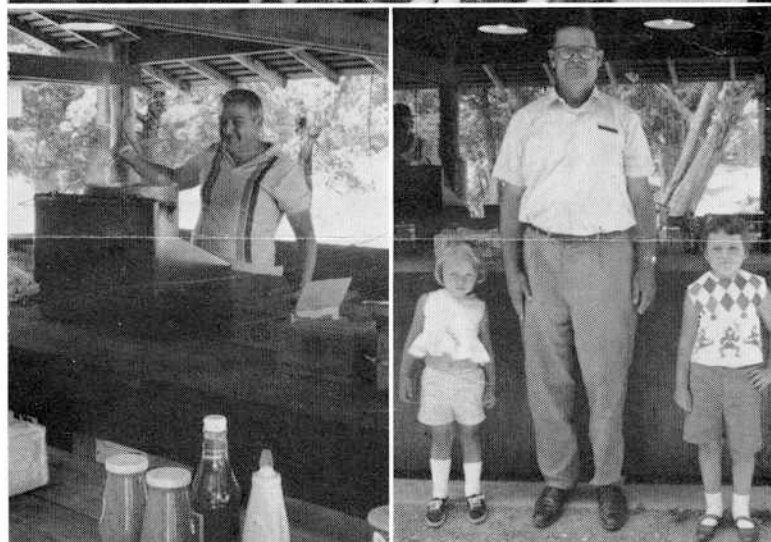
"No wonder you missed it. I told you to take the south turn-off."

"You never should have started out on tires as old as those."

"I'll send them the fine by mail."

"Do you have the Credit Union's telephone number?"

"Flies and mosquitoes were worse this year."



E, F, G, H AND J SHIFTERS enjoyed another outing... this time a weiner-roast, game time affair at the Carbide Recreation Park... held June 11.



"Guess how we bought this projector?"

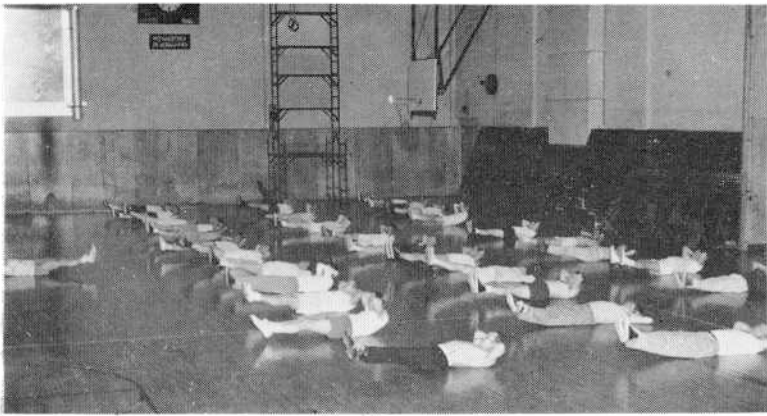
What's The Hurry? Slow Down & Live!

Hurrying can hurt! All of us are guilty at sometime of getting up late, rushing to get to the plant on time. Don't make it a habit. Allow yourself plenty of time. When you rush at home, in the car, or at work, accidents are more apt to happen.

Slow down and live!



IN RECOGNITION OF 25 YEARS company service with Union Carbide Corporation, Robert W. Foresman, center, receives a certificate on his Silver Anniversary with the corporation. The presentation is made by H. G. P. Snyder, superintendent of Industrial Relations, as W. G. Butturini, superintendent of Dispatching, looks on from the right.



ONE, TWO, THREE . . . OUCH! Relax those tense muscles at the Physical Fitness classes, held twice during the summer months Tuesdays and Thursdays, 7:30 p.m., at the Oak Ridge High School Gymnasium. There's a qualified instructor along to keep those 'spare-tires' deflated!

Huff Leads 4th Rifle Firings

In the fourth All-Carbine High Powered Rifle match of the season, the competitive pressure has emerged full blown. Six shooters had scores between 241 and 238 out of a 250 possible. Y-12's Jack Huff had a top score of 241-25v, followed by George Reimann, ORNL, with a 241-17v. Y-12's Ed Scott was third with a 240-14v; Jack Spurling, also of Y-12, was fourth with a 239-15v; Arvin Quist, ORNL, was fifth with a 238-20v; and Bert Searles, Y-12, followed in sixth place with a 238-13v.

Other scores follow:

| Firer | Score |
|------------------------|-------|
| Bill Kelley, Y-12 | 235 |
| Harry Hoy, ORNL | 230 |
| A. A. Abbatiello, ORNL | 229 |
| Hugo Bertini, ORNL | 219 |
| Jack Mrochek, ORNL | 216 |
| Sam DeCamp, ORNL | 214 |
| Ed Foley, ORGDP | 211 |
| John Dunn, Y-12 | 201 |
| Sandra Huff, ORNL | 192 |
| John Cowen, Y-12 | 178 |
| Bill Galyon, Y-12 | 176 |

Specators and potential shooters are invited to watch these matches. They are held outdoors at the Oak Ridges Sportsman Association. The next match is set for Saturday, June 25 . . . with firings commencing promptly at 9 a.m.

FATHER'S LAMENT

A man we know recently decided his 13-year-old needed a good bath and a hair-cut. After the grooming, the father found he had been raising someone else's child!



HAPPY BIRTHDAY, Terry Moody! Terry recently celebrated her third birthday at her 621 Mitchell Drive, Knoxville, home. She is the daughter of Mr. and Mrs. Charles J. Moody, (he's in Rover Fabrication.) About 20 friends joined Terry for ice cream and cake and a ride on the carousel!

Recreation



Saturday, June 25

RIFLE LEAGUE, 9 a.m. Oak Ridge Sportsmen's Association.

Monday, June 27

TENNIS LEAGUE, as per schedule . . . arranged by players.

SOFTBALL, beginning 6 p.m. Pinewood Park. Health Physics vs. Braves; Bat Boys vs. Peanuts; Naughts vs. Isotopes-Reactor.

Tuesday, June 28

SOFTBALL LEAGUE, beginning 6 p.m. Pinewood Park. X-10 Mets vs. K-25 Sports; Red Devils vs. K-25 Mets; Fireguards vs. Eagles.

PHYSICAL FITNESS, 7:30 p.m. Oak Ridge High School Gymnasium.

Thursday, June 30

SOFTBALL LEAGUE, beginning 6 p.m. Pinewood Park, Bio vs. Ecobums; Big Shops vs. Falcons; Clowns vs. Sluggers.

PHYSICAL FITNESS, 7:30 p.m. Oak Ridge High School Gymnasium.

Tennis League Gets Off Ground

The Tennis League for Y-12ers began last week with three matches played, and a fourth one called by rain.

Sam Campbell defeated James White 6-4, 6-1; D. W. Hackett downed Jim Froula 4-6, 9-7, after losing match two 7-5; and Max Scott took Ed DelGrande 6-0, 6-3.

The Campbell King-Don Legacy match began but had to be reset because of rain.

League standings follow:

| Player | W | L |
|---------------|---|---|
| Sam Campbell | 1 | 0 |
| D. W. Hackett | 1 | 0 |
| Max Scott | 1 | 0 |
| James White | 0 | 1 |
| Jim Froula | 0 | 1 |
| Ed DelGrande | 0 | 1 |
| Campbell King | 0 | 0 |
| Don Legacy | 0 | 0 |

Exercising? Learn To Remember Limits

Moderate exercise in amounts that recognizes age and physical condition is recommended. Work up to a heavier exercise gradually. Eighteen holes of golf or three sets of tennis doubles may be fine for one person, but not for another.

If you are going on a hunting trip, or will be walking the woods all day, build yourself up physically to the pace so that you can take it. And, if you are older, don't try to keep up in sports with younger people. It's a good idea when you get tired to stop. Don't take unnecessary chances.

Softball League Goes Into Gear

The Softball League got started with a start last week as the Isotopes-Reactor team took their fifth win of the young season from the Y-12 Falcons 26 to 7. Charlie Meyers poled a long home run for the losing squad . . . Don Tidwell, Butch Armstead and Sam Ewing dittoed for the winning team.

Y-12's Eagles defeated their fellow plantsmen, the Big Shop team, in Monday's second foray, 11 to 6. H. Nobles collected the only homer of the game, hitting it on the losing side of the game.

Y-12's Braves, with only one loss thus far, collected win number four also Monday, at the expense of the Fireguards . . . 30 to 0! Bob Culton and Jim Shoemaker homered twice each, as did Ray Riggs. John Evans and Jim Milligan poled one each. The hapless Fireguards collected only two hits during the seven innings.

Tuesday's action began as Y-12's Bat Boys defeated the ORNL Sluggards 12 to 5. Jim Knight tripled for the winning team for the only big hit of the game. Fred Hardin doubled for the losers . . . making only a total of two multiple-based hits of the entire game.

The Red Devils downed the Bio team in Tuesday's second game, 13 to 7. Both ORNL teams hit fairly well, the Devils getting 16 to the Bio bunch's 14. Dick Bowman hit a homerun for the winners.

The Ecobums overcame the Naughts in final action Tuesday, 16 to 7. Homer Tucker tucked away a homerun on the winning side of the ledger . . . J. T. Meador and Al Longest on the losing side.

Thursday's action was delayed because of rain . . . with the Health Physics and X-10 Mets game barely started . . . with HP leading 8 to 0. Friday the Mets defaulted by forfeit.

The K-25 Sports defeated the Peanuts in the second scheduled game Friday, 11 to 4. Frank Davis poled a long home run for the losers for the only big one of the game . . . losers' Bill Mullens doubled.

Final action of the week featured a 15 to 1 victory by the K-25 Mets over the ORNL Clowns. John Keith and Bill Schellenger each homered for the winning combo.

League standings follow:

| Team | W | L |
|------------------------|---|---|
| Isotopes-Reactor, ORNL | 6 | 0 |
| Red Devils, ORNL | 5 | 0 |
| Bat Boys, Y-12 | 5 | 1 |
| Braves, Y-12 | 5 | 1 |
| Health Physics, ORNL | 5 | 1 |
| K-25 Mets | 5 | 1 |
| Eagles, Y-12 | 4 | 2 |
| K-25 Sports | 3 | 3 |
| X-10 Mets | 2 | 3 |
| Clowns, ORNL | 2 | 3 |
| Bio, ORNL | 2 | 3 |
| Sluggers, ORNL | 2 | 4 |
| Peanuts, ORNL | 1 | 5 |
| Big Shops, Y-12 | 1 | 5 |
| Falcons, Y-12 | 1 | 5 |
| Big Shops, Y-12 | 1 | 5 |
| Fireguards, Y-12 | 0 | 5 |
| Naughts, ORNL | 0 | 5 |

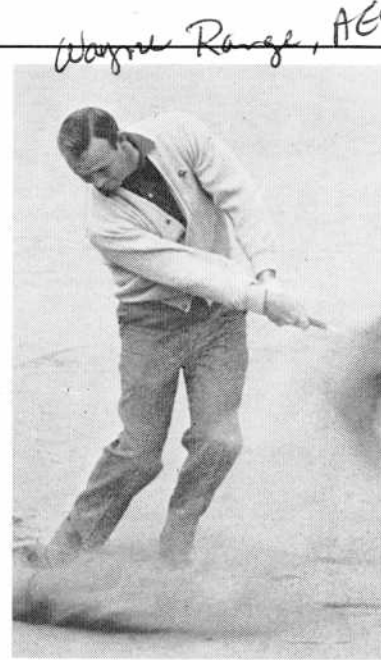
Recreation Area Will Close 10 p.m. Nights

The Carbide Recreation Park will be under lock and key from 10 p.m. until 5 a.m. daily. The Recreation Department will have keys which campers may borrow. A deposit of \$1 is required and the dollar will be refunded when the key is returned.

Further information may be obtained by contacting Recreation, extension 3-7109.

SINGLE WORRIES

One of the single girl's biggest worries . . . her friends that are constantly trying to marry her off!



TWO OF THE GOLF WORLD'S MOST talented stars will perform for Oak Ridge Saturday, July 30, at the Oak Ridge Country Club. . . . Arnold Palmer, left, and Mason Rudolph, will play an exhibition game for the benefit of interested sportsmen. Tickets are now available for the exhibition.

'Arnie's Army' To Get New Recruits Here On July 30!

Arnie's Army will probably get some new recruits next month. Arnold Palmer and Mason Rudolph, two of the top-flight golfers from the national pro circuits are coming to town. They will play an 18-hole exhibition and conduct a clinic at the Oak Ridge Country Club, July 30.

John P. Crews, MD, president of the Oak Ridge club, said a contract had been signed with Arnold Palmer Enterprises, Inc., for the appearance of Palmer and Rudolph. The contract provides for the match and clinic, rain or shine . . . for the last Saturday in July. Arrangements for two additional pros to play with Palmer and Rudolph are in the making.

The activities will begin at 1 p.m., July 30, with the clinic by the pair, followed by the 18-hole match over the rolling club course.

Tickets are available at most of the East Tennessee pro shops in the Knoxville-Oak Ridge-Gatlinburg area. They are sold in advance at \$5 each. R. T. Cantrell, Recreation Department, has tickets also. The gate price will be \$6. 'New Look' At Club

The Oak Ridge Country Club will offer visitors a "new look" course as well as two of the country's finest golfers. Always a test of skill, the course has been improved during the past two years with the addition of several lakes,



Ride wanted from Taylor Road section, Oak Ridge, to Central Portal, straight day. Diane Fogle, plant phone 3-7308, home phone Oak Ridge 483-9312.

Car pool member wanted from Buffat Mill, Washington Pike section, to East or North Portal, straight day. Arthur McKenzie, plant phone 3-7055, home phone Knoxville 525-1593.

Ride wanted from Middlebrook Pike, Fox-Lonas Road section, to North Portal, straight day. C. B. Smith, plant phone 3-7798, home phone Knoxville 588-2395.

Ride wanted from vicinity of Florida Avenue, Oak Ridge, to Biology Portal, B Shift. I. L. Hill, plant phone 3-5464, home phone Oak Ridge 483-6015.

a new fairway watering system, rebuilt greens, and rebuilt larger traps with white sand.

The 36-year-old Palmer is probably the best-known golfer in the world today. He has had one of the most astonishing careers in golfing history since turning pro in 1954. His attitude of attacking the course, his tremendous ability to charge from behind and his outstanding personality have garnered for him an army of followers — and with it, have given a golfing fame that has led into a number of business ventures. Arnie is top money winner and a threat any time he steps up to the tee.

Rudolph A Tennessean

Rudolph, with the Tennessee Open as his latest win, turned pro in 1958 after a successful amateur career that included membership on the University of Tennessee golf team. A native of Clarksville, he won his first pro tournament in 1959 — the Golden Gate Open. The 32-year-old Rudolph can be found in contention throughout the pro tour, and usually at the money table when the tournament is over.

The regularly set Y-12 tournament for Saturday, July 30, has been re-scheduled for July 23 at Springbrook, Niota, Club . . . so that Y-12ers may be free to attend the exhibition.

Sea Scope May Be Ordered Here

Have you seen the Sea Scope? It's the latest in swim products under the "Captain" label of Union Carbide.

There's a model at the company store, at North Portal, and you can order one for prompt delivery.

They are ideal for scanning along the lake bottom. The eyepiece fits over your face . . . and you glide along on the strong polyethylene float (strong enough to hold up a 250-pound man . . . if you're heavier than that, you need to diet anyway!) looking for fish, or what-have-you in the water.

There's a tow rope, also for your convenience.

The float weights only 15 pounds itself and the rubber mask has wide-angle lens from which you can peer into the water.

UNION CARBIDE CORPORATION NUCLEAR DIVISION

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As the long days of June stretch into the lazy days of July, many Y-12ers cross important landmarks with Union Carbide Corporation. Congratulations.

20 YEARS

Ralph E. Redmon, Buildings, Grounds and Maintenance Shops, June 23.

15 YEARS

Austin M. Read, Dimensional Inspection, June 22.

James M. Schreyer, Chemistry Development, June 22.

William A. Farmer, Specifications and Systems, June 22.

Charles D. Bennett, Process Maintenance, June 25.

Wallace F. Carden, Production Assay, June 25.

Ray M. Rowan, Research Services, June 25.

Harry L. Garrett, Area Five Maintenance, June 25.

Max M. Carty, Research Services, June 25.

Troy J. Anders, Electrical Department, June 25.

William C. Williams, Buildings, Grounds and Maintenance Shops, June 25.

Jake B. Dodd, Buildings, Grounds and Maintenance Shops, June 25.

William D. Brock, Electrical Department, June 25.

Edwin R. Robinson, Buildings, Grounds and Maintenance Shops, June 25.

Nicholas Tronolone Jr., Utilities Administration, June 25.

James H. Wiley, Assembly Operations, June 25.

Milton Jennings, H-2 and F-Area Shops, June 26.

Owen P. Killeen, Laboratory Development, June 26.

Roy W. Malone, Laundry, June 26.

Leonard R. Brooks, General Machine Shop, June 26.

Howard M. Davis, Process Maintenance, June 28.

Marion F. Gilliam Jr., General Machine Shop, June 27.

Winnith R. Malcolm, Research Services, June 27.

Howell G. Simerly, Process Maintenance, June 28.

10 YEARS

Helen L. Ross, Engineering Division, June 25.

Mary Ferguson, Production Analysis, June 25.

Somebody Lose A Jack At UCC Park?

Dave Creigh, down in 9766, found a very nice axle jack at the Carbide Park recently.

He'll be happy to return it to its rightful owner on proper identification. You can reach Dave at extension 3-6470.

Lost and found items (the Guard Department has almost a bucket full of keys) are in Building 9710-2. Lose something? ... or find something? ... just give the Guard Department a buzz.

Barnette Leads Week's Thernuclear Seminar

C. F. Barnette will conduct a seminar for the Thernuclear Division this week on "A Study of Excited States of Hydrogen Atoms and Molecules."

The seminar is set for Thursday, June 23, at 9 a.m. in the TD Conference Room, Building 9201-2.



MARGUERITE AND SIEBEL confer during rehearsals of Gounod's "Faust," forthcoming opera production in the current Oak Ridge Festival. The female lead is taken by Mary Finchum (wife of Jack, Utilities Administration), and the "boy" Siebel is portrayed by Blanca Ricci, right. "Faust" will be presented Thursday, June 23 and Saturday, June 25.

Singing Grand Opera? It's A Breeze To Mary Finchum!

How does a wife and mother find time to be an opera diva?

We went to the source last week, and asked Mary Finchum (Jack's wife, Utilities Administration) who sings Marguerite in this week's big version of "Faust."

"I think one finds time to do things he really likes to do," Mary explained simply. "The children were in school most of the time of rehearsals ... so there was no problem there."

Mary's no novice in grand opera either. She has appeared as Musetta in "Boheme" a couple of seasons ago, and has done Countess Almaviva in the "Marriage of Figaro." Singing comes second-nature, too. A regular in the Kern Methodist choir, a fine part of the Oak Ridge Chorus and Madrigal Singers, Mrs. Finchum keeps singing because ... as she put it she "loves it." And there's no better recommendation for a musician than that.

The Finchum children ... Linda, 20; Jack, 17; and Joyce, 13; live with their parents at 112 Pembroke Road, Oak Ridge.

No Spinning Wheel

"A lot of opera is corn, but it's good corn," Mary confided. But don't expect Marguerite to be using a spinning wheel in the "vision" scene of act one this week. "They just let me sit there, without anything to do with my hands," she regrets. The difficult piece of staging comes early in the opera when the aged Faust views the lovely Marguerite singing at her work.

Learning French for the role ("Faust" will be sung in the original language) was no difficulty to the soprano either. "I had it in school ... and it sings better than it speaks," La Finchum confided. "Most of the time I know what people are saying to me, and what I am required to answer."

Translation Is Old

The 1902 translation of the opera was just not suitable ... so Maestro Franklin Choset and stage director Paul Ebert agreed to "go for broke" and do the opera in the language in which it was written.

"Faust" is one of the highlights this week of the Oak Ridge Festival. It will be staged Thursday, June 23 ... and Saturday, June

25, at 8:15 at the Oak Ridge High School Auditorium. Admission is \$2.50 for adults ... students \$1.50.

Although Marguerite does not dominate the opera "Faust" the male tenor does that ... after all, he is Faust, Mrs. Finchum appears early in Act One, Scene One ... and is still there when the curtain falls in a rousing trio.

More Activities

More Festival activities climax the big week, also. Sunday, June 26, the Film Classics series present "The Treasure of Sierra Madre," starring Humphrey Bogart. The children's series will present the Bell Science Series film on weather, "The Chained Goddess," at 1:30 p.m. Saturday, June 25.

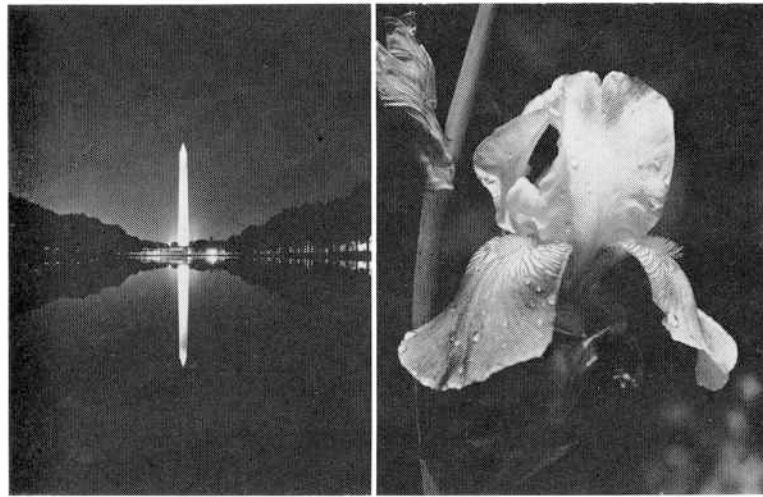
The Flower Show will be presented at the Oak Ridge Country Club tomorrow, Thursday, June 23, from 3 p.m. til 9 p.m. ... and Friday from 10 a.m. until 6 p.m.

The Photographic Salon is open this weekend in the Downtown section. (See story elsewhere.)

ORGDP Develops New Packing Foam

A new packaging foam has been developed at the Oak Ridge Gaseous Diffusion Plant. The multi-purpose, high-temperature foam is superior to any other previously used in providing insulation, neutron attenuation, and structural strength for the shipping of fissionable materials. The lightweight material is made of phenolic resin containing fiber glass rovings. The 20 per cent closed cellular construction provides an excellent water and gas seal. The foam uses a boron catalyst for foaming, which serves the additional purpose of neutron absorption. In a heat test, the shipping container was heated up to 2,200 degrees for 95 minutes. The inner shipping container received only 120 degrees of heat, and the foam charred only to a depth of two inches. More than one-half of the foam thickness was unaffected.

Wear your badge in plain sight at all times in the plant.



TWO OF LAST YEARS award-winning pictures are seen from the Salon held by the Camera Club in conjunction with the Oak Ridge Arts Festival. The CC again this year teams with the Festival to provide another photographic show along with many other activities in this area.

Camera Club Again Sponsors Photographic Salon In Town

Again this year, the Carbide Camera Club's annual Salon is an integral part of the Oak Ridge Arts Festival.

Last year was the first time the Festival and the Club got together, although both had existed for some time. Due to the popularity of the Salon last year, it was a natural for this year's Festival.

Opening at the geodesic dome in the Downtown section of Oak Ridge, the photographic show will be Friday, June 24, through Sunday, June 26. More than 200 photographs will be on display. Awards will be presented in the "Best of Show," and the "Best of Class." Classes include children, adults, landscape and architecture, still life and abstracts ... and the open class all in black and white. The same for color pictures with the addition of nature and wild life.

An innovation will be seen in this year's Salon, in the showing of slides with an automatic rear projection device, complete with taped commentary.

The fluorescent lighting for the showings will be installed by the Camera Club and members of the Jaycees.

Coordinating this year's salon is Cliff Johnson, saloon chairman ... assisted by Dave Bourgette, who handles the print collection; Jeri Kobisk, who is responsible for the art and display ... and Bob Stephenson in charge of judging. Clyde Hines is business manager, and Joe Jernigan an advisor.

The Camera Club is one of the oldest organizations in town. It dates back to the early war years, with a membership low of four, to its present population of 130.

July's competition for the club is announced as "Open" which means anything goes.

Dues to the club are only \$3 a year ... with the only restriction that you have to be an employee of Union Carbide or the Atomic Energy Commission (or have a member of the family who is).

The club meets the second Tuesday of every month.

There is no charge for the Photographic Salon.



"When's our payday?"

Employees Give Camera To School

Employees in Buildings 9202 and 9203 recently contributed a movie camera to the Emory Valley School, Oak Ridge.

A letter of appreciation reads: "The Emory Valley School Board accepts with pleasure the 8mm Zoom Reflex Movie Camera contributed by colleagues in the Y-12 9202 and 9203 buildings."

"We wish to thank you and the 9202 and 9203 personnel for this care and interest shown in the children's development program conducted at the Emory Valley School."

"It is through such generous actions that important progress can be made in the adjustment of our severely retarded children to a more normal life in the community."

The letter was signed by H. W. Behrman, school board chairman.